## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Applic	ation of:	
Hyun-kyu YUN et a	al.	
Application No.: T	o be assigned	Group Art Unit: Unassigned
Filed: March 25, 2004		Examiner: Unassigned
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	INFORMATION DISCLOSUE	RE STATEMENT
Assistant Commiss Washington, D.C.		
hereby provided co examination of the	ertain information which the Exam subject U.S. patent application.	rovisions of 37 CFR § 1.56, there is miner may consider material to the It is requested that the Examiner erial to the examination of the subject
1. 🛭 Enclosur	es accompanying this Informatio	n Disclosure Statement are:
1a. ⊠ 1b. ⊠ 1c. □  1d. ⊠  1e. □  1f. □ 1g. □ hereto).	foreign application or a PCT In English language translation (a non-English language publicat Explanations of Relevancy of I hereto) for providing a concise publication.  List of Co-pending Applications	abstracts only) attached to each
2.	than a Continued Prosecution Within three months of the dat forth in §1.491 in an internation Before the mailing of a first Off	a or 2b or 2c or 2d) g date of a national application other Application under §1.53(d); e of entry of the national stage as set hal application. fice Action on the merits; or fice Action after the filing of a Request

3.	This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application, AND  (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)				
	3a.	The §1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.			
		to be charged to Deposit Account No. 19-3935.			
4.		mation Disclosure Statement is filed under 37 CFR §1.97(d) after the ecified in paragraph 3 above, but on or before payment of the Issue			
	4a.	The §1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.			
		to be charged to Deposit Account No. 19-3935.			
<b>5</b> .	Statemen	t under §1.97(e) (applicable if Item 3a or Item 4 is checked) (Check either Item 5a or 5b)			
	5a. 🗌	In accordance with 37 CFR §1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.			
	5b. 🗌	In accordance with 37 CFR §1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.			
6.	This is a ( § 1.53(b)				
	6- 🗆	(Check appropriate Items 6a and/or 6b)			
	6a. 📙	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, have been omitted pursuant to 37 CFR § 1.98(d).			
	6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No,			

filed on \_\_\_, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, are provided herewith. This is a continuation/divisional application under 37 CFR §1.53(d) or Request 7. for Continued Examination under 37 CFR 1.114. (Check either Item 7a or 7b) 7a. □ The Issue Fee has not been paid. 7b. □ A Petition to Withdraw from issue under 37 CFR §1.313(c) is filed concurrently herewith or has been granted. A continuation application under 37 CFR §1.53(d) or Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively. 8. This is a Supplemental Information Disclosure Statement. (Check either Item 8a or 8b) 8a. □ This Supplemental Information Disclosure Statement under 37 CFR §1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on 8b.  $\square$ This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97 and 1.98, mailed \_\_\_. (MPEP 609 C(1), Form & 6.49, Rev. 1, Feb. 2000, pp. 600-107) 9. In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is: (Check appropriate Items 9a, 9b, 9c and/or 9d) 9a. □ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).) set forth in the application. 9b. 9c. □ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication. enclosed as Attachment 1(e), hereto. 9d. 10. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or

a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 502827.

Respectfully submitted,

STANZIONE & KIM, LLP

Dated: March 25, 2004

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to Substitute for form 1449A/PTO		Comple	te if Known
		Application Number	
INFORMATION	DISCLOSURE	Filing Date	March 25, 2004
STATEMENT BY APPLICANT		First Named Inventor	hyun-kyu YUN
		Art Unit	N/A
(Use as many shee	ts as necessary)	Examiner Name	
Sheet	of	Attorney Docket Number	101-1019

			U. S. PATENT [	JUCUMEN I S	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		1			- Igaros / Opcar
	1	2002/031179			
	2	US- 5,589,885	12/31/1996	Ooi	
	3	US- 6,134,631	10/17/2000	Jennings, III	
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FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	١.
Initials*	No.'	Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	ן ™
	1	KR 200251545	June 29, 2002	Jin Jong CHA et al.	Abstract (translation)	
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Examiner	Date	
Signature	Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.